

PATENT

PATENT COOPERATION TREATY

Applicants : Junji Takeda et al.  
Int'l Application No. : PCT/JP2004/010090  
U.S. Application No. : 10/563,896  
Int'l Filing Date : July 8, 2004  
Title : METHOD OF PREPARING TRANSGENIC ORGANISM WITH  
USE OF METHYLATION AND SYSTEM THEREFOR

Docket No. : 490051.402USPC  
Date : August 8, 2006

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Commissioner for Patents:

In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Information Disclosure Statement. Copies of cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of any other cited references are enclosed. As to any reference cited, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC

A handwritten signature in black ink, appearing to read 'W. T. Christiansen', written over a horizontal line.

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Enclosures:

Information Disclosure Statement  
Cited References (6)

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<b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT</b> (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.
	490051.402USPC	10/563,896
	APPLICANTS <b>Junji Takeda et al.</b>	
	FILING DATE	GROUP ART UNIT
	July 8, 2004	

### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						

### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AG					
	AH					
	AI					

### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AJ	Fischer, S., et al., "Regulated Transposition of a Fish Transposon in the Mouse Germ Line," <i>Proc. Natl. Acad. Sci. U S A.</i> , 98(12):6759-64, June 5, 2001.
	AK	Horie, K., et al., "Efficient Chromosomal Transposition of a Tc1/Mariner- like Transposon Sleeping Beauty in Mice," <i>Proc. Natl. Acad. Sci. U S A.</i> , 98(16):9191-6, July 31, 2001.
	AL	Lee, S., et al., "Efficient Tn10 Transposition into a DNA Insertion Hot Spot in vivo Requires the 5-methyl Groups of Symmetrically Disposed Thymines within the Hot-spot Consensus Sequence," <i>Proc Natl Acad Sci U S A.</i> , 84(22):7876-80, November 1987.
	AM	Luo, G., et al., "Chromosomal Transposition of a Tc1/Mariner-like Element in Mouse Embryonic Stem Cells," <i>Proc. Natl. Acad. Sci. U S A.</i> , 95(18):10769-73, September 1, 1998.
	AN	Woodcock, D., et al., "RglB Facilitated Cloning of Highly Methylated Eukaryotic DNA: the Human L1 Transposon, Plant DNA, and DNA Methylated in vitro with Human DNA Methyltransferase," <i>Nucleic Acids Res.</i> , 16(10):4465-82, May 25, 1988.
	AO	Yusa, K., et al., "Enhancement of Sleeping Beauty Transposition by CpG Methylation: Possible role of Heterochromatin Formation," <i>Mol. Cell Biol.</i> , 24(9):4004-18, May 2004.

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).